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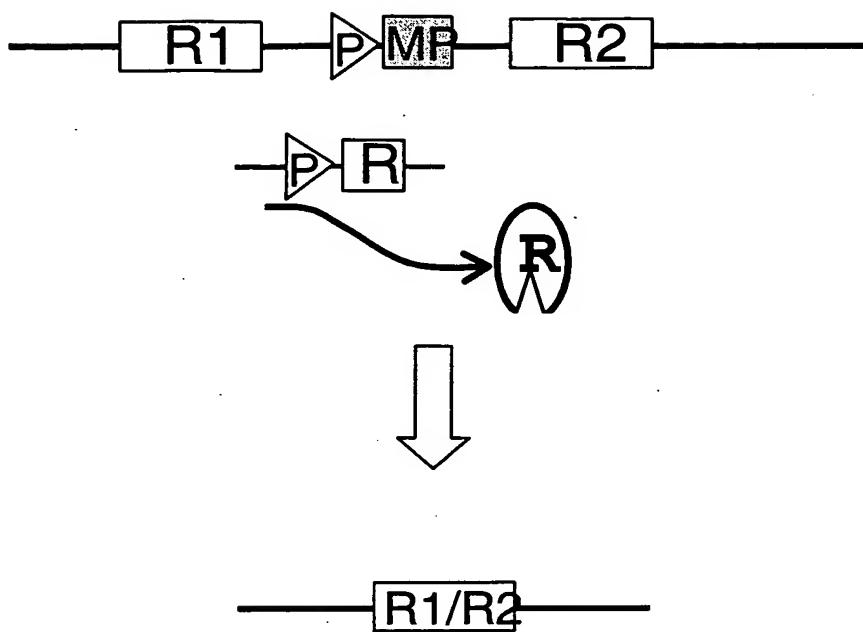


Fig. 1

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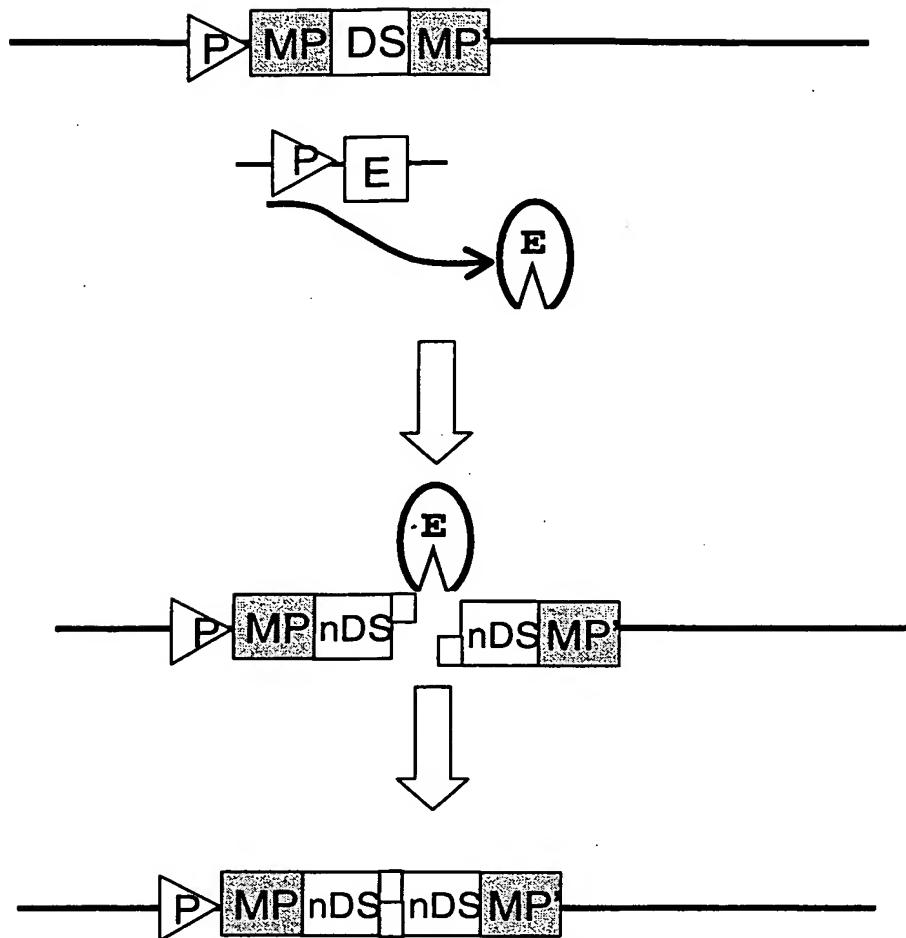


Fig. 2-A

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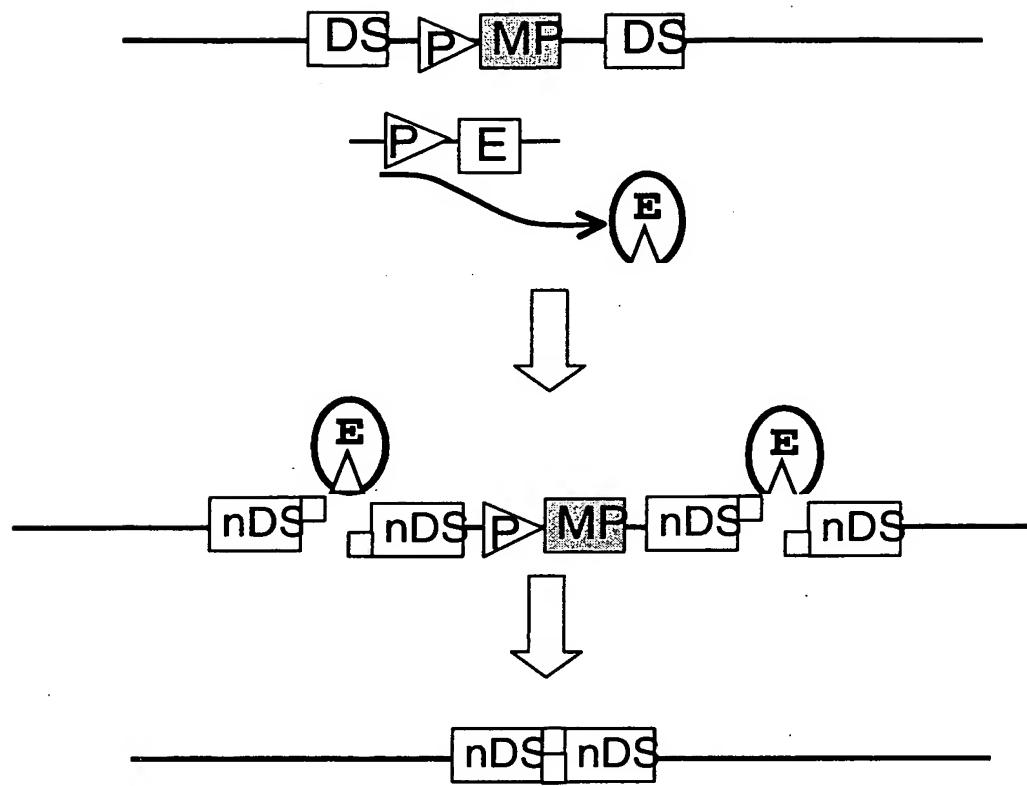


Fig. 2-B

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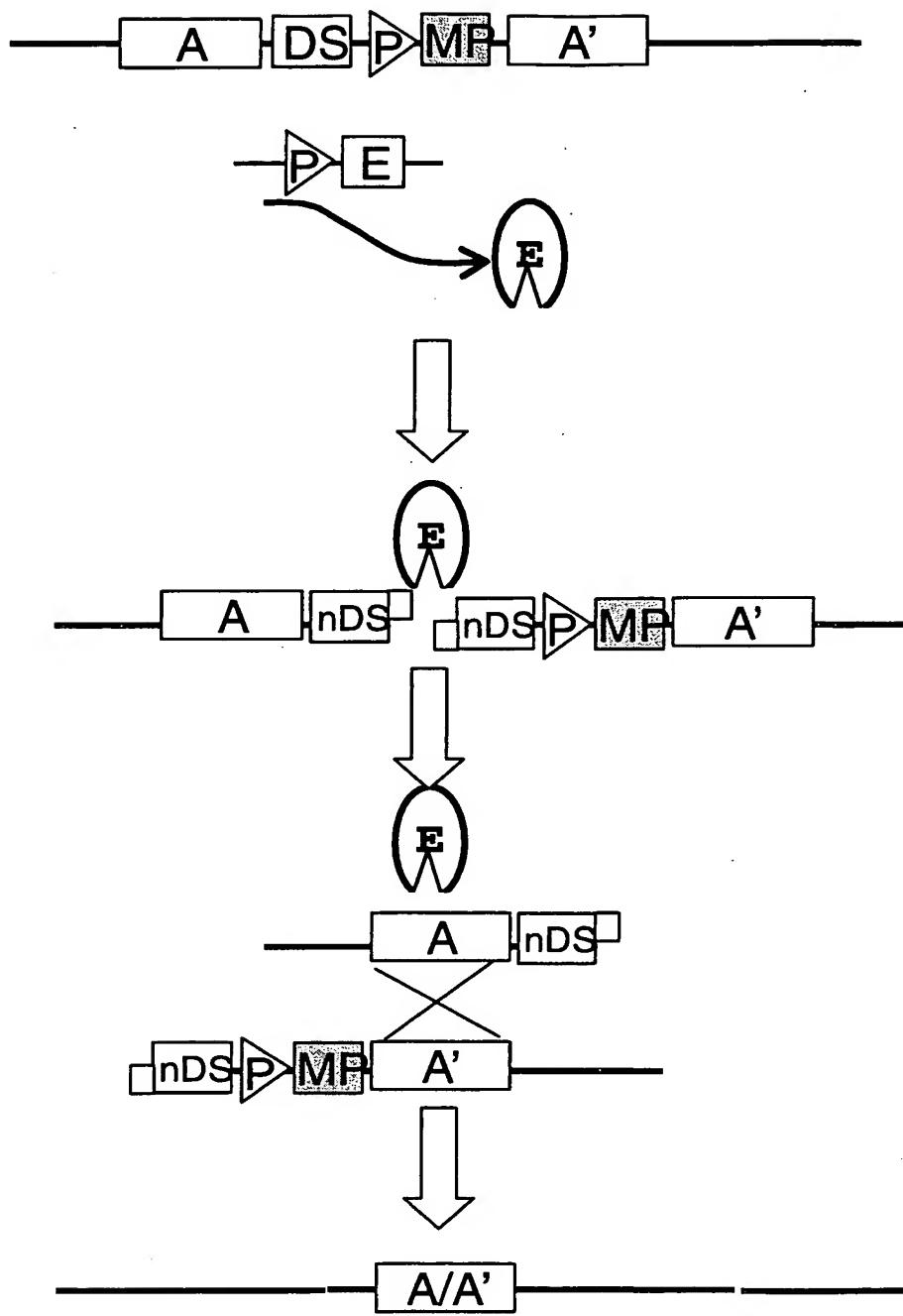


Fig. 3

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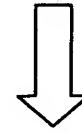
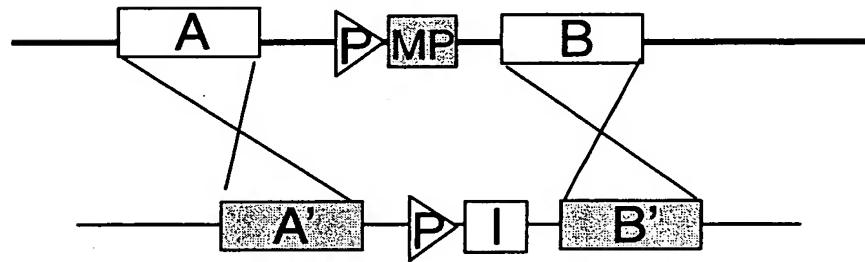
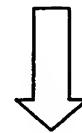


Fig. 4

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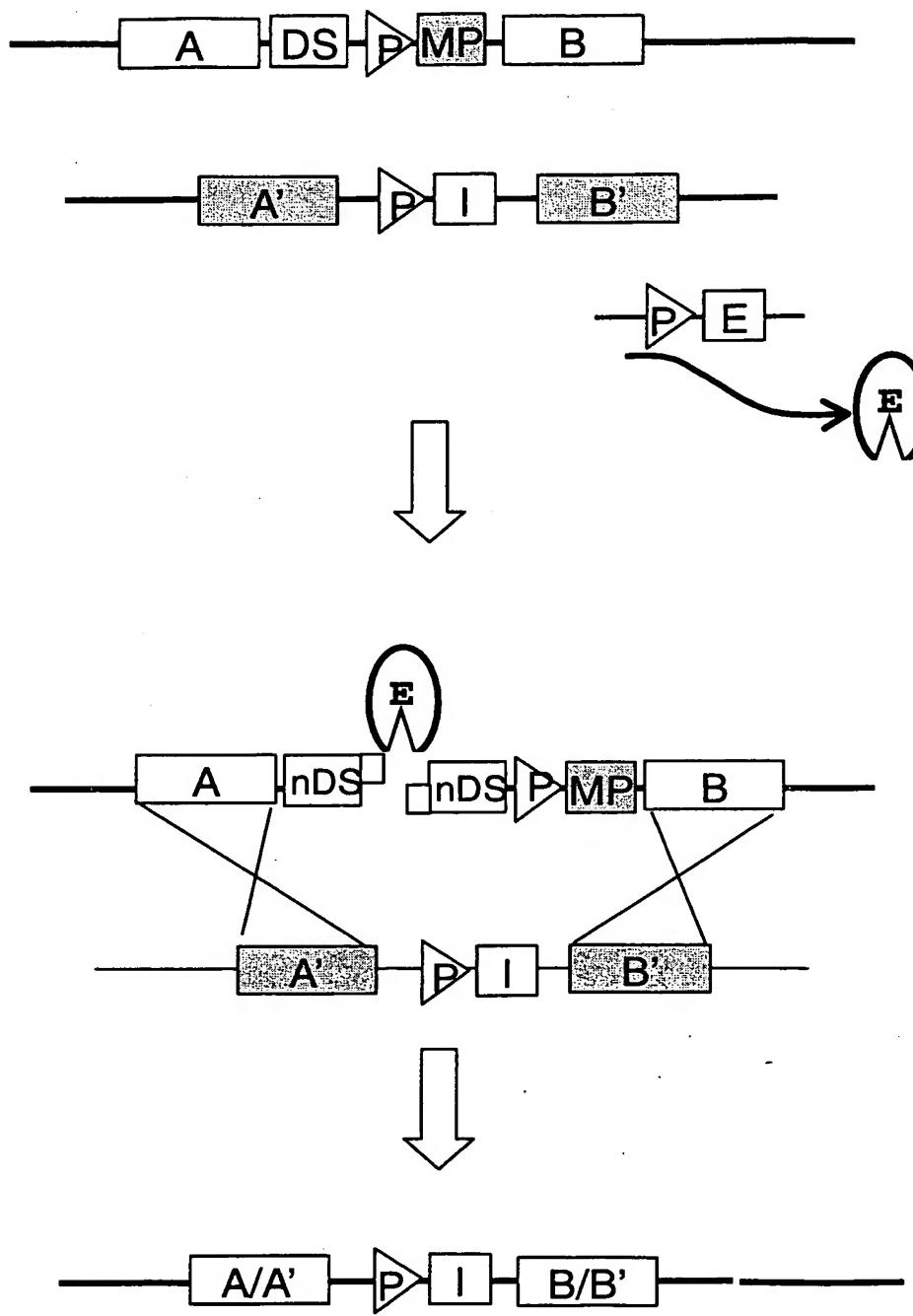


Fig. 5

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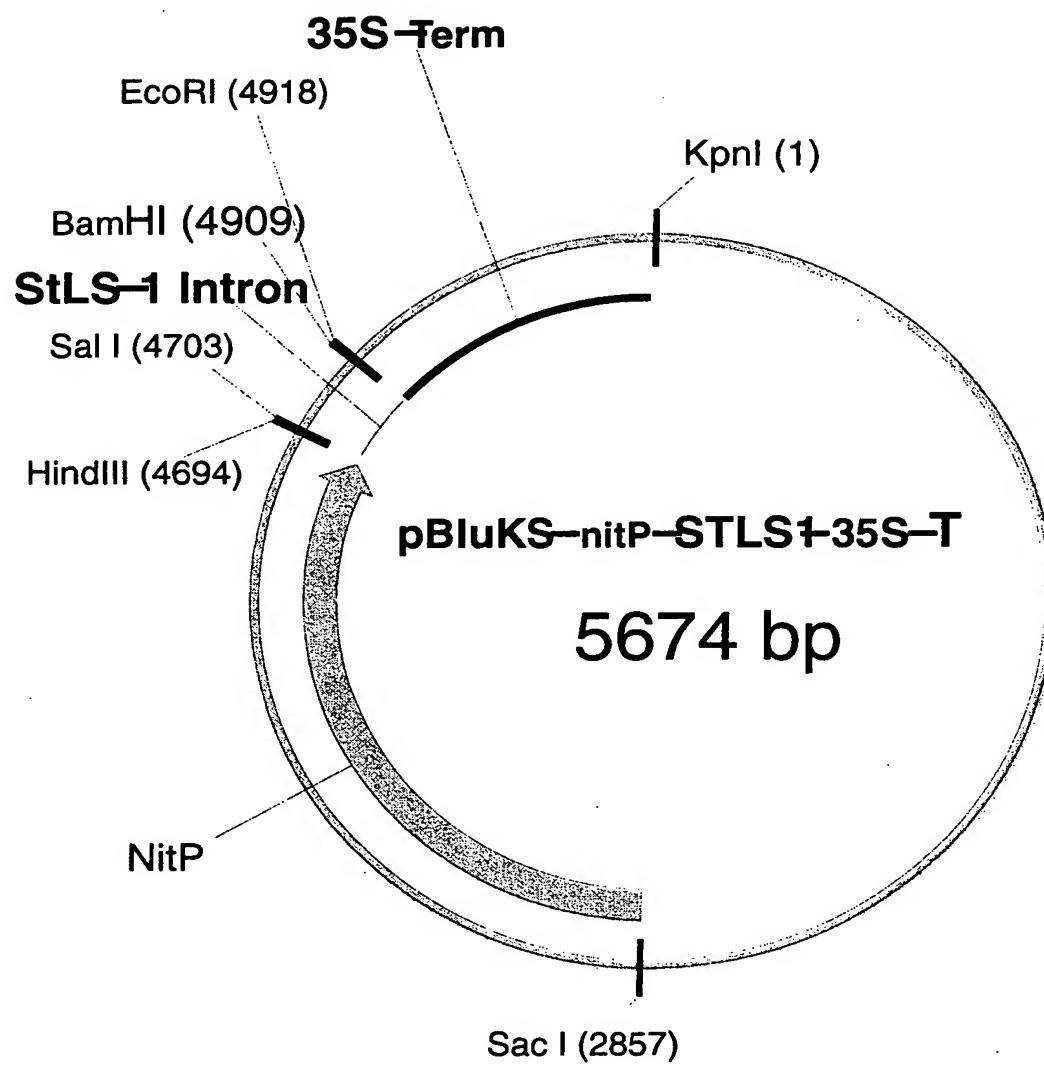


Fig. 6

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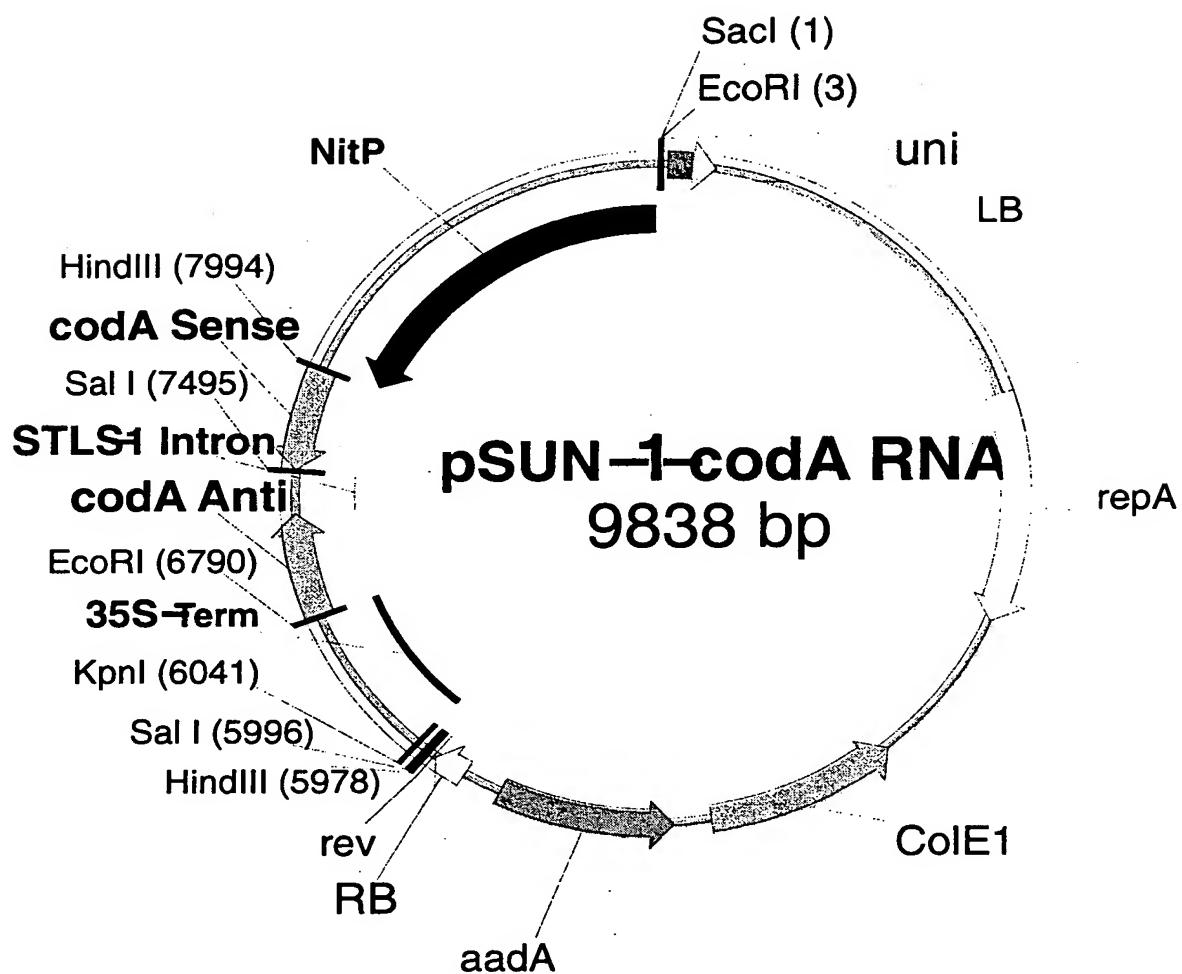
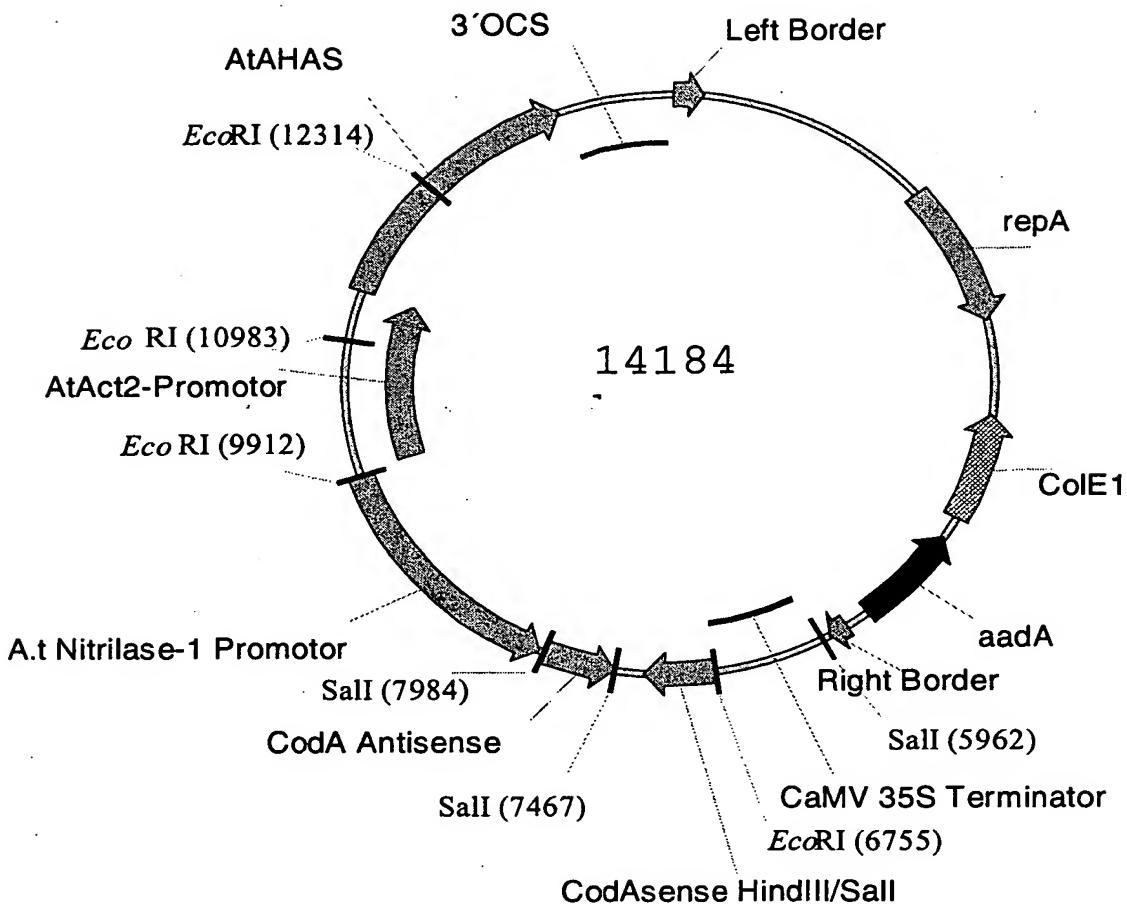


Fig. 7

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pSUN1-codA-RNAi-AtAct2-AtAls-R-ocsT

Fig. 8

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Klebsiella pneumoniae	1	50
Clostridium tetani.	(1) -----	MSQYHTFTAHDAYAQQ
Zea mays	(1) -----	MSRFDSHFRMETEDAILYAKE
A.thaliana	(1) ARALLSSPLAGASPDCQSASAMAAEEEQGFRPLDESSLAYIKATPALAS	
Brassica napus-2	(1) -----	MSFEEFTPLNEKSLVDYIKSTPALSS
Soy-1	(1) -----	VDDFVLRAKEMSFDEFKPLNEKSLVEYIKATPALSS
Oryza sativa-1	(1) -----	
Consensus	(1) -----	L V A
Klebsiella pneumoniae	51	100
Clostridium tetani.	(19) FAGIDNPSELVSAQEVDGDNLNLFVKVFDROGVSRRAIVKQALPYVRCVGE	
Zea mays	(22) KLGIFDEHAKLQAEIIGDGNINYVFKVWDVNTKKSVIKHADIFLRSRG	
A.thaliana	(51) RLGGGGSLDSIEIKEVGDGDNLFVYIVQSEAGA--IVVKQALPYVRCVGD	
Brassica napus -2	(27) KIGADKSDDDLVIKEVGDGDNLFVFIIVVGSSGS--LVIKQALPYIRCIGE	
Soy -1	(37) RLGDKY--DDLVIKEVGDGDNLFVFIIVVGSTGS--LVIKQALPYIRCIGE	
Oryza sativa -1	(1) -----	
Consensus	(1) -----	
(51) KLG D L EVGDGNLNFVF V G LVIKQALPYIRCIGE		
Klebsiella pneumoniae	101	150
Clostridium tetani.	(69) SWPLTLDRARLEAQTLVAHYQHSPQHTVKIHHFDPELAVVMEDLS-DHR	
Zea mays	(72) --ELDVDRNRIEAEVMLQGILAPGLVPKVYKYDSVMCNLSMEDIS-DHR	
A.thaliana	(99) SWPMTRERAYFEASTLREHGRCLPEHTPEVYHFDRTLSLMGMRYIEPPHI	
Brassica napus -2	(75) SWPMTKERAYFEATTLRKHGNLSPDHVPEVYHFDRTMALIGMRYLEPPHI	
Soy -1	(83) SWPMTKERAYFEATTLRKHGGLSPDHVPEVYHFDRTMALIGMRYLEPPHI	
sativa -1	(1) ----- IPEHVPEVYHFDRTMSLIGMRYLEPPHI	
Consensus	(1) -----	
(101) SWPMT ERA EA TL HG LSPDHVPEVYHFDRTMALIGMRYLEPPHI		
Klebsiella pneumoniae	151	200
Clostridium tetani.	(118) IWRGELIANVYYPQAARQLGDYLAQVLFHTSDFYLHPHEKKAQVAQFIN-	
Zea mays	(119) NLRKELLKRNTFPSFAEHITTFIVDTLLPTTDLVMDSGEKKDNVKKYIN-	
A.thaliana	(149) ILRKGLVAGVEYPLLADHMSDYMMAKTLFFTSLLYNNNTTDHKNGVAKYSAN	
Brassica napus -2	(125) ILRKGLIAGIEYPFLADHMSDYMMAKTLFFTSLLYHDTTEHRRAVTEFCGN	
Soy -1	(133) ILRKG-----	
Oryza sativa -1	(29) ILIKGLIAGIEYPFLAEHMADFMMAKTLFFTSLLFRSTADHKRDVAEFCGN	
Consensus	(1) ----- LLYNSTTDHKKGVAQYCDN	
(151) ILRKGLIA I YP ADHM DYMA TLF TSLLY T DHK VA F N		
Klebsiella pneumoniae	201	250
Clostridium tetani.	(167) PAMCEITEDLFFNDPYQIHERN--NYPAELEADVAALRDDAQLKLAVAL	
Zea mays	(168) KDLCKISEDLVFTEPFIDYKSRTNLEENIEFVKRQLYEDKELILEAGKL	
A.thaliana	(199) VEMCRLTEQVVFSDPYRVSKFNR-WTSPYLDKDAEAVREDDDELKLEVAGL	
Brassica napus -2	(175) VELCRLTEQVVFSDPYRVSTFNR-WTSPYLDLDAKAVREDSALKLEIAEL	
Soy -1	(138) -----	
Oryza sativa -1	(79) VELCRLTEQVVFSDPYKVSKYQR-WTSPYLDRDAEAVREDNLLKLEVAEL	
Consensus	(20) VEMCRLTEQVVFSDPYMLAKYNR-CTSPFLDNDAAVREDAELKLEIAEL	
(201) VELCRLTEQVVFSDPY VS FNR TSPYLD DA AVRED LKLEVA L		

Fig. 9a

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251	300
Klebsiella pneumoniae	(215) KHRFFAHAEALLHGDIHSGSIFVAEGSLKAIDAEFGYFGPIGF DIGTAIG
Clostridium tetani.	(218) KNNFMNNSQALIHGDLHSGSIFVNEESTKILDPEFAFYGPIGYDLGNVIG
Zea mays	(248) KSMFIERAQALIHGDLHTGSIMVTEVQLKSLIQNLGSMGPMGFDIGSLPW
A.thaliana	(224) KSMFCERAQALIHGDLHTGSVMTQDSTQVIDPEFSFYGPMGFDIGAYLG
Brassica napus -2	(138) -----
Soy -1	(128) KSKFIES-----
Oryza sativa -1	(69) KSMFIERAQALLHGDLHTGSIMVTPDSTQVIDPEFAFYGPMGYDIGAFLG
Consensus	(251) KS FIE AQALIHGDLHTGSIVS ID EFAFYGPMGFDIG IG
301	350
Klebsiella pneumoniae	(265) NLLNYCGLPGQLGIRDAAAAREQRLNDIHLQLWTTFAERFQALAAEKTRD
Clostridium tetani.	(268) NLFFAWANAYVTEDGKEVEEFTIWEKTIENILELFKEKFIKYKEIVTD
Zea mays	(298) KPDFGHTMHRMGMILKRMIVRLTRMDLEDN-----
A.thaliana	(274) NLILAFFAQDGHATQENDRKEYKQWILRTIEQTWNLFNKRFIALWDQNKD
Brassica napus -2	(138) -----
Soy -1	(135) -----
Oryza sativa -1	(119) NLILAYFSQDGHADQANDRKAY-----
Consensus	(301) NL AY
351	400
Klebsiella pneumoniae	(315) AALAYPGYASAFLKKWADAVGFCGSELIRRSVGLSHVADIDTIQDDAMR
Clostridium tetani.	(318) VMAKEEYMMNWYLHSILSDTAGQVGLEIIRR VVGDSKVLDITSITDINKR
Zea mays	(328) -----
A.thaliana	(324) GPGEAYLADIYNNTTEVLKFVQENYMRNLLHDSLGF GAAKMIRRIVGVAHV
Brassica napus -2	(138) -----
Soy -1	(135) -----
Oryza sativa -1	(141) -----
Consensus	(351)
401	447
Klebsiella pneumoniae	(365) HECLRHAITLGRALIVLAERIDSVDELLARVRQYS-----
Clostridium tetani.	(368) VKAERILILSAKTFIKNRHKIKTGKRYVEIFNSNMY-----
Zea mays	(328) -----
A.thaliana	(374) EDFESIEEDKRRAICERSALEFAKMLLKERRKFKSIGEVVSAIQQQS
Brassica napus -2	(138) -----
Soy -1	(135) -----
Oryza sativa -1	(141) -----
Consensus	(401)

Fig. 9b